

ITEM: 13

SUBJECT: Lake County Sanitation District, Kelseyville County Water Works
District No. 3, Lake County

BOARD ACTION: *Consideration of a Cease and Desist Order*

BACKGROUND: Lake County Sanitation District and Kelseyville County Water Works District No. 3 (Discharger) own and operate a wastewater treatment facility near the town of Kelseyville in Lake County. The wastewater system provides secondary treatment of a dry weather flow of 0.26 million gallons per day (mgd) of domestic wastewater with discharge to a series of evaporation/percolation ponds or for use as irrigation supply water. The Discharger's wastewater system is regulated by Waste Discharge Requirements (WDRs) Order No. 99-094.

The WDRs do not contain a wet weather flow limit. However, since January 2001, the wastewater collection system has consistently experienced wet weather flows in excess of the design capacity of 0.20 mgd. Over the last three years, monthly self-monitoring reports show that the average wet weather wastewater flows range from 0.256 to 0.333 mgd. In addition to the excessive flows, dissolved oxygen measurements in the ponds have been less than 1.0 mg/L on eight weekly occasions, pH measurements in the ponds have chronically (113 times) exceeded a pH of 8.5, and freeboard has been reported at less than 1-foot numerous (89 times). Based on this, the Discharger has violated Discharge Specifications Nos. B.4, B.5, and B.7 of the WDRs.

On 14 July 2004 the Discharger submitted notification to the Regional Board and to the County of Lake Department of Health Services that the Kelseyville Water Works District No. 3 Wastewater Treatment Facility was experiencing capacity problems which have resulted in emergency measures including the sandbagging of two ponds to create additional temporary storage and prevent overflows. To address the capacity issue, the Discharger states that a consultant will conduct an Inflow/Infiltration study during the 2004/2005 budget year. The Discharger also plans to apply for a Small Communities Grant, Water Recycling Grant, and State Revolving Fund loan in 2004/2005 to fund the necessary upgrades to the facility.

ISSUES: The proposed Cease and Desist Order (CDO) requires that the Discharger completes the following: (a) an emergency contingency plan to prevent unauthorized discharges of wastewater during the wet weather months of 2005, (b) an interim contingency plan to prevent unauthorized discharges of wastewater until all long-term measures have been implemented, (c) an inflow and infiltration assessment report of the collection system, (d) a long term wastewater master plan that describes planned improvements to the wastewater system to prevent unauthorized discharges, (e) a Report of Waste Discharge to allow the WDRs to be revised to reflect the proposed upgrades, (f) a revenue plan that describes the funding sources

necessary to make the improvements to the wastewater system, (g) a groundwater monitoring well installation workplan and well installation report, and (h) a sanitary sewer system operation, maintenance, overflow prevention, and response plan. Staff and the Discharger have worked together to finalize the scope and timing of the proposed CDO.

Mgmt. Review _____

Legal Review _____

3 December 2004 Board Meeting
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670